

Claims

1. A foot pedal for use as an automotive brake or clutch operator, comprising:
an elongated lever body comprised of a metal tubular core;
a plastic ~~overmolded~~ component at least partially enclosing said metal tubular core,
said plastic ~~overmolded~~ component including an integrally formed foot pad at one end of said
elongated lever body and a pivot lug at the other end.
2. The pedal according to claim 1 wherein said tubular core is constructed of
steel.
3. The pedal according to claim 1 wherein said ~~overmolded~~ plastic component
is over molded onto said elongated lever body ~~from a glass-filled plastic~~.
4. The pedal according to claim 1 wherein said elongated lever body is curved.
5. The pedal according to claim 3 wherein said plastic comprises nylon.
6. A method of manufacturing an automotive brake pedal comprising the steps
of:
forming an elongated lever body from a steel tubular core;
said step of forming an elongated lever body further including the step of

overmolding a plastic component at least partially over said steel tubular core;

said step of overmolding said plastic component further including the step of molding a foot pad integral therewith at one end of said elongated lever body and a pivot lug at the other end thereof.

7. The method according to claim 6 wherein a glass filled plastic is used to overmold said plastic component.

8. The method according to claim 6 wherein said step of forming an elongated lever body further includes the step of forming said tubular core into a curved shape.